



Commercial Graphics by
PNY



PNY GeForce® GTX 580 Commercial Series

VCGGTX580XPB-CG

Commercial Series graphics cards from PNY offer life cycle management, quality components and engineering support.

Key Features

- Full Microsoft® DirectX® 11 support
- NVIDIA CUDA™ technology support
- DirectCompute 5.0 Support
- OpenCL Support
- NVIDIA PhysX™ technology
- NVIDIA 3D Vision Surround™ Ready¹
- NVIDIA PureVideo HD technology²
- Dual-Link HDCP-Capable³
- OpenGL 4.1 support

Warranty

- 2-Year Warranty
- The latest up-to-date drivers at www.pny.com

Package Includes

- PNY GeForce GTX 580 Graphics Board
- Installation DVD
- (2) DVI to VGA Adapters
- 6-pin PCIe to Molex Power Adapter



PRODUCT SPECIFICATIONS

Frame Buffer Memory	1536MB GDDR5
Memory Clock	2004 MHz (4008 MHz effective)
Memory Interface	384-bit
Memory Bandwidth	192.4 GB/s
CUDA Cores	512
Graphics Clock (MHz)	772 MHz
Processor Clock (MHz)	1544 MHz
Texture Fill Rate (billion/sec)	49.4
Max Power Consumption	250W
DisplayPort	No
DL-DVI	Yes
VGA	via DIV to VGA adapter (2)
HDMI Mini Output	Yes
Graphics Bus	PCI Express 2.0 x16
Low Profile	No
Multi-Monitor	Yes
Max. Digital Resolution	2560 × 1600
Max. VGA Resolution	2048 × 1536
HDCP	Yes
HDMI Version	1.4a
Slot Size	Dual-Slot
SLI-Options	3-way
Dimensions	4.37" (Height) × 10.5" (Length)
PNY Part Number	VCGGTX580XPB-CG

¹ NVIDIA 3D Vision Surround requires two or more graphics cards in NVIDIA SLI® configuration, 3D Vision glasses and 3D Vision-Ready displays. See www.nvidia.com/surround for more information

² Supported video software is required to experience certain features. Visit www.nvidia.com for more details

³ Playback of HDCP-protected content requires other HDCP-compatible components